

CENTRAL INTELLIGENCE AGENCY

## REPORT

25X1

CD NO.

East Germany/Russia

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## Russian Requirements for Highly-Polished Stainless Steel Plate

NO. OF PAGES 2

**NO. OF ENCLS.**  
**(LISTED BELOW)**

SUPPLEMENT TO  
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- 25X1

- iii) The plates must be of the same strength with a variation

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- of 1 mm minus 1 millimeter at all points of each sheet.
- iv) Both sides of the sheets must be highly polished (Hochglanzpolierung). No defects may exist on the surface of the sheets.
  - v) The edges of the plates must be equally cut. The front of the plates must be free of ridges and curves. Distortion of the plates is not permissible.
  - vi) Mechanical qualities:
    - Tensile strength, minimum  $77 \text{ kg/mm}^2$
    - Expansion, minimum 20%
    - Hardness of metal according to Brinell test, 100-200 (with a load of 1,000 kg and a ball of 10mm).
  - vii) The plates must not corrode at a temperature of 150-180° C when pressed with a mass of paper and phenol-formaldehyde.
  - viii) The plates must not rupture (zerbrechen) when clamped at one end.
  - ix) A certificate for each part of the shipment must be made, containing the following data:
    - a) Order, transport and specification number
    - b) Name and trade mark of the manufacturer
    - c) Steel type
    - d) Charge number
    - e) Dimensions
    - f) Weight of the delivery
    - g) Chemical analysis
    - h) Results of all tests
  - x) The following must be noted on all plates: Type of steel, dimensions, charge number, trade mark of the producer.
  - xi) The plates must be carefully packed in wooden boxes suitable for sea and rail shipment so that they arrive in good condition.

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